

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A computer-based system for developing a border management solution, comprising:

at least one processor;

at least one computerized database for storing border management data; and

at least one ~~computer-readable~~ computer-readable medium encoding instructions for developing a border management solution, wherein said instructions include:

citizen-facing ~~capabilities~~ business processes providing interaction between people or commerce entering or exiting a country and border enforcement personnel, wherein the citizen-facing ~~capabilities~~ business processes include:

a process applications, requests, and cases ~~capability~~ business process for collecting and processing immigration and trade submissions;

a facilitate movement of immigrants, travelers, and trade ~~capability~~ business process for processing the entrance and exit of people or trade;

a detect and enforce border laws and policies ~~capability~~ business process for reviewing, analyzing, and detecting suspect individuals or shipments;

a conduct enforcement investigations ~~capability~~ business process
for conducting investigations of individuals or trade; and

a collect, analyze, and communicate intelligence ~~capability~~
business process for collecting information about individuals or trade and
transforming said information into intelligence to detect and communicate
potential individual or trade risks, wherein the collect, analyze, and
communicate intelligence business process includes a risk assessment
element that applies neural networks and rules-based algorithms to
transform the information into the intelligence;

one or more supporting ~~capabilities~~ business processes encompassing
the citizen-facing ~~capabilities~~ business processes for assisting the citizen-facing
~~capabilities~~ business processes in working together; and

one or more infrastructure ~~capabilities~~ business processes for coordinating
strategy among and infrastructure support across the citizen-facing ~~capabilities~~
business processes and the one or more supporting ~~capabilities~~ business
processes.

2. (Cancelled)

3. (Cancelled)

4. (Currently amended) The computer-based system for developing a border management solution of claim 1, wherein the process applications, requests, and cases ~~capability~~ business process further comprises:

- an automated processing of individual requests business process;
- a manual processing of individual requests business process;
- an automated processing of trade requests business process; and
- a manual processing of trade requests business process.

5. (Currently amended) The computer-based system for developing a border management solution of claim 1, wherein the facilitate movement of immigrants, travelers and trade ~~capability~~ business process further comprises:

- an entry processing business process;
- an exit processing business process;
- an import processing business process; and
- an export processing business process.

6. (Cancelled)

7. (Cancelled)

8. (Currently amended) The computer-based system for developing a border management solution of claim 1, wherein the detect and enforce border laws and policies ~~capability~~ business process further comprises:

a passenger case review business process for providing real-time access to traveler information, criminal history, and other law enforcement information and applications used for approving or denying entry of an individual; and

a trade case review business process for providing real-time access to case information, history, and critical information used in approving or denying clearance of trade.

9. (Currently amended) The computer-based system for developing a border management solution of claim 1, wherein the conduct enforcement investigations ~~capability~~ business process further comprises:

a conduct individual investigation business process identifying and locating individuals not in compliance with immigration regulations; and

a conduct trade investigation business process for identifying and locating illegal or suspicious trade activity.

10. (Currently amended) The computer-based system for developing a border management solution of claim 1, wherein the collect, analyze and communicate intelligence ~~capability~~ business process further comprises:

an identify individual risks and communicate intelligence business process for gathering information about individuals who may pose a threat, forming intelligence, and communicating the intelligence for evaluation; and

an identify trade risks and communicate intelligence business process for gathering information about non-compliant and illegal trade, forming intelligence, and communicating the intelligence for evaluation.

11. (Currently amended) The computer-based system for developing a border management solution of claim 1, wherein the one or more supporting ~~capabilities~~ business processes further comprise:

a provide service and support communication ~~capability~~ business process for supporting the citizen-facing ~~capabilities~~ business processes and providing an interface to clients of the border management business architecture; and

a coordinate border management functions ~~capability~~ business process for coordinating activities between the citizen-facing ~~capabilities~~ business processes.

12. (Currently amended) The computer-based system for developing a border management solution of claim 1, wherein the one or more infrastructure ~~capabilities~~ business processes further comprise:

a strategy, policy, and governance ~~capability~~ business process for defining the strategy across the border management ~~capabilities~~ business processes; and

a provide shared services support ~~capability~~ business process for providing human resources, finance, information technology, procurement, and budget infrastructure.

13. (Currently amended) A computer-based system for implementing a border management application architecture comprising:

at least one processor;

at least one computerized database for storing border management data; and

at least one ~~computer-readable~~ computer-readable medium encoding instructions for implementing a border management application architecture, wherein said instructions include:

a set of core applications for standard border management functions;

a set of customer channels for providing individual access points for the users of the border management application architecture;

a customer channel interface interconnecting the set of customer channels and the set of core applications;

one or more management access channels for providing access points and tools for the sharing and access of border management data across border management capabilities; and

one or more management access interfaces interconnecting the one or more management access channels with the set of core applications,

wherein the set of core applications further comprise a set of case management applications, and wherein the set of case management applications

further comprise a set of intelligence applications used to transform the border management data into intelligence, and wherein the set of intelligence applications includes an information synthesis application and a risk scoring and analytics application that applies neural networks and rules-based algorithms.

14. (Previously presented) The computer-based system for implementing a border management application architecture of claim 13, wherein the set of core applications further comprises:

- a cargo targeting application;
- a process cargo application;
- a process imports application;
- a process exports application;
- a form submission and processing application;
- one or more law enforcement applications;
- one or more investigation applications;
- a passenger targeting application;
- an entry processing application;
- an exit processing application;
- a revenue collection application;
- and a background check application.

15. (Cancelled)

16. (Previously presented) The computer-based system for implementing a border management application architecture of claim 13, wherein the set of case management applications further comprise:

- an activity recording application;
- an alert management application;
- a workflow management application; and
- an information recording application.

17. (Cancelled)

18. (Cancelled)

19. (Previously presented) The computer-based system for implementing a border management application architecture of claim 13, wherein the set of customer access channels further comprises:

- an internet portal;
- an electronic data interchange;
- a call center;
- a customer center;
- a mobile access; and
- a kiosk.

20. (Previously presented) The computer-based system for implementing a border management application architecture of claim 13, wherein the one or more management access channels further comprise:

an information and knowledge management tool set for providing access points and tools for sharing and access of border management data;

a management and administration tool set for providing management and administration functions; and

a client relationship management tool set allowing customer assistance.

21. (Previously presented) The computer-based system for implementing a border management application architecture of claim 20, wherein the information and knowledge management tool set further comprises:

a collaboration tool;

a reporting and data mining tool;

an integrated document management tool;

a data warehouse tool;

a security maintenance tool; and

an external interfaces tool.

22. (Previously presented) The computer-based system for implementing a border management application architecture of claim 20, wherein the management and administration tool set further comprises:

a human resources tool;

a finance tool;
a budget tool; and
a procurement tool.

23. (Currently amended) A computer-based system for implementing a border management solution comprising:
- at least one processor;
 - at least one computerized database for storing border management data; and
 - at least one ~~computer-readable~~ computer-readable medium encoding instructions for implementing a border management solution, wherein said instructions include:
 - an immigrants, travelers and trade capability quadrant with associated business processes for managing the entry and exit of people and cargo;
 - a requests and applications capability quadrant with associated business processes for processing documents associated with immigrants, travelers, and trade;
 - a detection and enforcement capability quadrant with associated business processes for patrolling and monitoring passengers and trade;
 - an investigation and intelligence capability quadrant with the associated business processes for identifying and investigating unusual activity and trends associated with the entry and exit of people and trade; and
 - one or more supporting elements for storing information collected and intelligence developed with the border management solution, wherein the one or more supporting elements further comprise:

customer channels for allowing a customer to interact with border management employees, processes, or systems of the border management solution;

an integrated view of the customer providing a single knowledge base of customer information;

a border management knowledge element interconnected with the customer channels and providing selective access by border management personnel to the information and intelligence maintained within the border management solution;

a border enforcement intelligence element interconnected with the border management knowledge element and external data sources for transforming data and information collected about a customer into enforcement intelligence, wherein the border enforcement intelligence element includes an information synthesis application and a risk scoring and analytics application that applies neural networks and rules-based algorithms.

24. (Cancelled)

25. (Previously presented) The computer-based system for implementing a border management solution of claim 23, wherein the customer channels further comprise:

a portal;

a call center;
a kiosk; and
a port service representative.

26. (Previously presented) The computer-based system for implementing a border management solution of claim 23, wherein the border management knowledge element further comprises:

one or more border management applications; and
a border management knowledge base.

27. (Previously presented) The computer-based system for implementing a border management solution of claim 26, wherein the border management knowledge base further comprises a border management database.

28. (Previously presented) The computer-based system for implementing a border management solution of claim 23, wherein the border enforcement intelligence element further comprises:

one or more intelligence tools;
an intelligence engine; and
an enforcement database.

29-58. (Canceled).